

SEQUENCE LISTING

<110> Tosoh Corporation
 <120> Oligonucleotide and Method for Detecting Verotoxin
 <130> PA211-0407
 <160> 44
 <210> 1
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Oligonucleotide capable of binding specifically to
 VT1 RNA
 <400> 1
 aaaaaacatt atttgtoctg
 20
 <210> 2
 <211> 20
 <212>DNA
 <213>Artificial Sequence
 <220>
 <223> Oligonucleotide capable of binding specifically to
 VT1 RNA
 <400> 2
 tggcagattta tctgcatccc
 20
 <210> 3
 <211> 20

207020 555207

<212> DNA
<213> Artificial Sequence

<220>

<223> Oligonucleotide capable of binding specifically to
VT1 RNA

<400> 3
gatgatgaca attcagtatt

20

<210> 4
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Oligonucleotide capable of binding specifically to
VT1 RNA

<400> 4
ttttattgtg cgtaatccca

20

<210> 5
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Oligonucleotide capable of binding specifically to
VT1 RNA

<400> 5
taatagttot ggcacacaga

20

<210> 6
<211> 20

201050-95058001 AC 10085056-030102

<212> DNA
<213> Artificial Sequence

<220>

<223> Oligonucleotide capable of binding specifically to
VT2 RNA

<400> 6
tatacaggtg ttcccttttg

20

<210> 7
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Oligonucleotide capable of binding specifically to
VT2 RNA

<400> 7
tatatgttca agaggggtcg

20

<210> 8
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Oligonucleotide capable of binding specifically to
VT2 RNA

<400> 8
atggtcaaaa cgcgcctgat

20

<210> 9
<211> 20

00010085056.030102

<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide capable of binding specifically to
VT2 RNA

<400> 9
tagaaagtat ttgttgccgt 20

<210> 10
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide capable of binding specifically to
VT2 RNA

<400> 10
gtaaggcttc tgctgtgaca 20

<210> 11
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide capable of binding specifically to
VT2 RNA

<400> 11
cagtttcaga cagtgcctga 20

<210> 12
<211> 20

10085056-030102

<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide capable of binding specifically to
VT2 RNA

<400> 12
ttgctgattc gccccagtt 20

<210> 13
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide capable of binding specifically to
VT2 RNA

<400> 13
attatttaaag gatattotcc 20

<210> 14
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide capable of binding specifically to
VT2 RNA

<400> 14
attgtttatt tttataacag 20

<210> 15
<211> 25

10085056.030102

| | | |
|-------|--|----|
| <212> | DNA | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Oligonucleotide for Amplifying VT1 RNA | |
| <400> | 15 | |
| | tttttatogc ttgctgatt tttca | 25 |
| <210> | 16 | |
| <211> | 25 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Oligonucleotide for Amplifying VT1 RNA | |
| <400> | 16 | |
| | cgccattogt tgactacttc ttatc | 25 |
| <210> | 17 | |
| <211> | 25 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Oligonucleotide for Amplifying VT1 RNA | |
| <400> | 17 | |
| | tgatctcagt gggcgttctt atgta | 25 |
| <210> | 18 | |
| <211> | 25 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |

1085056-030102

<220>

<223> Oligonucleotide for Amplifying VT1 RNA

<400> 18

tcacatcatgca tcgcgagttg ccaga

25

<210> 19

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide for Amplifying VT2 RNA

<400> 19

gtatatgaag tgtatattat ttaaa

25

<210> 20

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide for Amplifying VT2 RNA

<400> 20

atatatctca ggggaccaca tcggt

25

<210> 21

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide for Amplifying VT2 RNA

10085056.030102

<400> 21
accatcttgg totgattatt gagca 25

<210> 22
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide for Amplyfying VT2 RNA

<400> 22
ttctaccgtt ttccagattt tacac 25

<210> 23
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide for Amplyfying VT2 RNA

<400> 23
cttaacgttc aggcagatac agaga 25

<210> 24
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide for Detecting VT1 RNA

<400> 24
tgtaacgtgg tatagctact 20

10085056.030102

<210> 25
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide for Detecting VT2 RNA

<400> 25
ttaacgccag atatgatgaa

20

<210> 26
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> 3rd Oligonucleotide

<400> 26
gatcatccag tggtgtacga

20

<210> 27
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> 1st Oligonucleotide

<400> 27
aaaaaacatt atttgtoctg ttaacaaatc ctgtcacat

39

<210> 28
<211> 39
<212> DNA

10085056.030102

<213> Artificial Sequence

<220>

<223> 1st Oligonucleotide

<400> 28

tggegatatta ttgcatccc cgtacgactg atccctgca

39

<210> 29

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> 1st Oligonucleotide

<400> 29

gatcatccag tgttgtaaga aatccoctct gtatttgcc

39

<210> 30

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> 1st Oligonucleotide

<400> 30

gatgatgaca attcagtatt aatgccacgc ttcccagaa

39

<210> 31

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> 1st Oligonucleotide

<400> 31

tatacaggtg ttcccttttg ctgaagtaat cagcaccag

39

<210> 32

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> 1st Oligonucleotide

<400> 32

tatatgttca agaggggtcg atatctctgt ccgtatact

39

<210> 33

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> 1st Oligonucleotide

<400> 33

atggtcaaaa cgcgcctgat agacatcaag ccctcgtat

39

<210> 34

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> 1st Oligonucleotide

<400> 34

tagaaagtat ttgttgccgt attaacgaac ccggccaca

39

<210> 35
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> 1st Oligonucleotide

<400> 35
gtaaggettc tgctgtgaca gtgacaaaac gcagaactg

39

<210> 36
<211> 53
<212> DNA
<213> Artificial Sequence

<220>
<223> 1st Oligonucleotide

<400> 36
aattctaata cgactcacta tagggagatt tttatcgctt tgctgatttt tca

53

<210> 37
<211> 53
<212> DNA
<213> Artificial Sequence

<220>
<223> 1st Oligonucleotide

<400> 37
aattotaata cgactcacta tagggagacg ccattogttg actacttett atc

53

<210> 38

<211> 53
<212> DNA
<213> Artificial Sequence

<220>
<223> 1st Oligonucleotide

<400> 38
aattctaata cgactcacta tagggagatg atctcagtgg gcgttcttat gta

53

<210> 39
<211> 53
<212> DNA
<213> Artificial Sequence

<220>
<223> 1st Oligonucleotide

<400> 39
aattctaata cgactcacta tagggagatc atcatgcac gcgagttgcc aga

53

<210> 40
<211> 53
<212> DNA
<213> Artificial Sequence

<220>
<223> 2nd Oligonucleotide

<400> 40
aattctaata cgactcacta tagggagagt atatgaagtg tatattattt aaa

53

<210> 41
<211> 53
<212> DNA
<213> Artificial Sequence

10085056.030102

<220>

<223> 2nd Oligonucleotide

<400> 41

aattctaata cgactcacta tagggagaat atatotoagg ggaccacatc ggt

53

<210> 42

<211> 53

<212> DNA

<213> Artificial Sequence

<220>

<223> 2nd Oligonucleotide

<400> 42

aattctaata cgactcacta tagggagaac catottogtc tgattattga gca

53

<210> 43

<211> 53

<212> DNA

<213> Artificial Sequence

<220>

<223> 2nd Oligonucleotide

<400> 43

aattctaata cgactcacta tagggagatt ctacogtttt toagatttta cac

53

<210> 44

<211> 53

<212> DNA

<213> Artificial Sequence

<220>

<223> 2nd Oligonucleotide

<400>

44

aattotaata cgactcacta tagggagact tacgcttcag gcagatacag aga

53

10085055.030402